



## Automotive Technology

### Tool List for Automotive Technology

Tool vendors such as Mac, Snap-On, and others will come to NPCC at the beginning of the fall semester and offer substantial discounts on tools. You are welcome to purchase tools on your own...or, you may wait until the beginning of classes and purchase your tools through either of these vendors.

Uniforms are required for Automotive students who attend MPCC. The approximate cost for uniforms is \$300-\$350 for the first semester and \$50-\$70 for each subsequent semester the student is enrolled in Automotive classes. Please talk to the instructor if you have concerns.

1/4" Drive Ratchet  
1/4" Drive 2 and 4 inch extensions  
1/4" Drive Universal  
1/4" Drive socket set standard 3/16 - 9/16  
1/4" drive socket set Metric 4-15 mm  
3/8" Drive Deep Socket Set, 1/4" - 7/8"  
3/8" Ratchet  
3/8" Universal  
3/8" Hinge Handle  
3/8" Extensions, 3", 6", 11"  
3/8" Drive Standard Sockets 1/4" - 7/8"  
3/8" drive metric Sockets; deep 8-19  
3/8" drive metric Sockets Shallow 8-19  
1/2" Drive metric Sockets, 12-24 mm  
1/2" Drive Standard Sockets, 7/16" - 1 1/8"  
1/2" Drive Hinge Handle 18"  
1/2" Drive Extensions, 5" and 10"  
1/2" Drive Ratchet  
Diagonal Cutter Pliers  
HD Gripping Pliers Water Pump Pliers  
Small Lead Shot Hammer  
Needle Nose Pliers  
Set of 4 Snap-Ring Pliers, Inside/Outside  
12 oz. Ball Peen Hammer  
Carbon Scraper (short)  
Wire Gap Gauge  
Feeler Gauge  
Hacksaw Frame with Blade  
Non-magnetic Feeler Gauge  
3/4" Chisel  
3/16" Pin Punch  
5/16" Pin Punch  
1/8" Starter Punch  
5/16" Starter Punch

Center Punch  
L-Shape Hex Wrench Set, 3/32" - 3/8"  
Spark Plug Sockets 5/8" and 13/16"  
Straight Screwdrivers, 4 pcs 3/16" - 3/8"  
1 Stubby Screwdriver  
Phillips Screwdrivers, 3 pcs  
Torx Screwdrivers 8 - 20  
18" pry bar with screwdriver handle  
Vise Grips with curved jaws  
Long Combination Wrench Standard 14 pc  
3/8" - 1 1/4"  
Long Combination Wrench Set 6mm to  
19mm (to include 18mm)  
6" Steel Pocket Rule  
Circuit Tester, 6-12 volt  
12 ft Tape measure  
Battery Cable and Post Cleaner  
Drill Bits, 1/8" to 1/2" in 1/64<sup>th</sup> increments  
Pin Light with Batteries  
Roll Cabinet with Lock (minimum of 8000  
cubic in)  
Safety Glasses  
**Approximate cost: \$1500 - \$2500**  
Optional:  
Torque wrench minimum torque of 100 lbs  
DVOM